

What is claimed:

1. A method for identifying a compound capable of treating a hematological disorder, comprising:

a) combining a compound to be tested with a 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 polypeptide under conditions suitable for binding of the test compound to the polypeptide; and

b) detecting binding of the test compound to the polypeptide to thereby identify a compound which binds to the polypeptide, thereby identifying a compound capable of treating a hematological disorder.

2. The method of claim 1, wherein the compound is selected from the group consisting of a small molecule, a peptide or an antibody.

3. The method of claim 1, wherein the polypeptide further comprises heterologous sequences.

4. The method of claim 1, wherein the polypeptide is an isolated polypeptide, a membrane-bound form of an isolated polypeptide or a cell comprising the polypeptide.

5. The method of claim 4, wherein the cell is a hematological cell.

6. The method of claim 1, wherein the hematological disorder is a disorder associated with, but not limited to, anemia, neutropenia or thrombocytopenia.

7. The method of claim 1, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:

- a) a competition binding assay;
- b) an immunoassay; and
- c) a yeast two-hybrid assay.

8. A method for identifying a compound capable of treating a hematological disorder, comprising:

- a) combining a compound to be tested with a host cell expressing a 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 polypeptide under conditions suitable for binding of the test compound to the polypeptide; and
- b) detecting binding of the test compound to the polypeptide to thereby identify a compound which binds to the polypeptide, thereby identifying a compound capable of treating a hematological disorder.

9. The method of claim 8, wherein the compound is selected from the group consisting of a small molecule, a peptide, an antibody or an antisense nucleic acid molecule.

10. The method of claim 8, wherein the polypeptide further comprises heterologous sequences.

11. The method of claim 8, wherein the host cell is a hematological cell.

12. The method of claim 8, wherein the hematological disorder is a disorder associated with, but not limited to, anemia, neutropenia or thrombocytopenia.

13. The method of claim 8, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:

- a) a competition binding assay;
- b) an immunoassay; and
- c) a yeast two-hybrid assay.

14. A method of identifying a subject having a hematological disorder, or at risk for developing a hematological disorder comprising:

a) contacting a sample obtained from the subject comprising polypeptides with a 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 binding substance; and

b) detecting the presence of a polypeptide in the sample that binds to the 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 binding substance, thereby identifying a subject having a hematological disorder, or at risk for developing a hematological disorder.

15. The method of claim 14, wherein the binding substance is an antibody.

16. The method of claim 14, wherein the binding substance is detectably labeled.

17. A method for treating a subject having a hematological disorder or a hematological disorder characterized by aberrant 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 polypeptide activity or aberrant 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 nucleic acid expression comprising administering to the subject a 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 modulator, thereby treating the subject having a hematological disorder.

18. The method of claim 17, wherein the disorder is a disorder associated with, but not limited to, anemia, neutropenia or thrombocytopenia .

19. The method of claim 17, wherein the 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 modulator is administered in a pharmaceutically acceptable formulation.

20. The method of claim 17, wherein the 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 modulator is capable of modulating 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 polypeptide activity.

21. The method of claim 20, wherein the 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 modulator is an anti-9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 antibody.

22. The method of claim 17, wherein the 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 modulator is capable of modulating 9118, 990, 17662, 81982, 630, 21472, 17692, 19290, 21620, 21689, 28899, 53659, 64549, 9465, 23544, 7366, 27417, 57259, 21844, 943, 2061, 5891, 9137, 13908, 14310, 17600, 25584, 27824, 28469, 38947, 53003, 965, 56639, 9661, 16052, 1521, 6662, 13913, 12405 or 5014 nucleic acid expression.